

IN THE CLAIMS:

1. (Currently Amended) An iron component comprising:

an ferric iron body material formed having a given shape and polished, an oxide in the constituents of fragments of an oxide abrasive material consisting essentially of ferric oxide in and near the surface of the body material being reduced so that iron is dispersed into the body material.
 2. (Original) An iron component according to claim 1, wherein said iron body material forms a stainless-steel component stored in a casing of a disc drive.
 3. (Original) A method for manufacturing an iron component, comprising:

a polishing process of polishing the surface of an iron body material having a given shape by means of an abrasive material containing ferric oxide; and

a heat treatment process of heating the body material in a reducing atmosphere after the polishing process, thereby reducing an oxide in the constituents of fragments of the abrasive material in and near the surface of the body material and leaving iron, and keeping the body material at a temperature for dispersion the iron into the body material.
 4. (Original) A method for manufacturing an iron component according to claim 3, wherein said iron body material forms a stainless-steel component stored in a casing of a disc drive.
 5. (Original) A method for manufacturing an iron component according to claim 4, wherein said iron body material is austenitic stainless steel.
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6. (Currently Amended) A hard disc drive comprising:

an ferric iron component including an iron body material formed having a given shape and polished, an oxide in the constituents of fragments of an oxide abrasive material consisting essentially of ferric oxide in and near the surface of the body material being reduced so that iron is dispersed into the body material, the iron component being stored in a casing.